



University of Pretoria Yearbook 2022

Agricultural economics 432 (LEK 432)

Qualification Undergraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 16.00

NQF Level 08

Programmes [BCom \(Agribusiness Management\)](#)

[BScAgric \(Agricultural Economics and Agribusiness Management\)](#)

Prerequisites LEK 220, LEK 320 GS

Contact time 2 practicals per week, 3 lectures per week

Language of tuition Module is presented in English

Department Agricultural Economics Extension and Rural Develo

Period of presentation Semester 2

Module content

This course covers data management, data exploration and analytical techniques commonly used for agricultural market analysis within a data science framework. It considers best practices in working with secondary data and covers regression analysis and inference testing as a means to estimate causal relationships between variables. Other analytical techniques will be covered, including cluster analysis. Analytical concepts will be applied and interpreted through practical estimation and simulation.

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